

Dkt. 75191/JPW/JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Stan Gronthos and Andrew Zannettino
U.S. Serial No. : 10/551,326
Filed : as §371 national stage of PCT
International Application No.
PCT/AU2004/000417
For : PERIVASCULAR MESENCHYMAL PRECURSOR CELL
INDUCED BLOOD VESSEL FORMATION

1185 Avenue of the Americas
New York, New York 10036
April 27, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the following documents be considered and made of record in the above-identified application which is listed on Form PTO-1449, attached hereto as **Exhibit A**:

1. International Search Report issued by the International Searching Authority (ISA/AU) on May 17, 2004 in connection with International Application No. PCT/AU2004/000417 (**Exhibit 1**);
2. International Publication No. WO 2002/007679 A2, The Government of the United States of America, published January 31, 2002 (**Exhibit 2**);
3. International Publication No. WO 2001/004268 A1, Medvet Science Pty Ltd, published January 18, 2001 (**Exhibit**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.H./

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3);

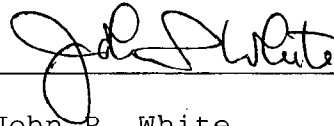
4. International Publication No. WO 1999/003973 A, Osiris Therapeutics Inc, published January 28, 1999 (**Exhibit 4**);
5. Hellström M, Kalén M, Lindahl P, Abramsson A, and Betsholtz C. (1999) Role of PDGF-B and PDGFR- β in recruitment of vascular smooth muscle cells and pericytes during embryonic blood vessel formation in the mouse. *Development* 126: 3047-3055 (**Exhibit 5**);
6. Zóltowska A, Stepiński J, Lewko B, Zamorska B, Roszkiewicz A, Serkies K, and Kruszewski WJ. (2001) Malformations of Angiogenesis in the Low Differentiated Human Carcinomas. Immunohistochemical Study. *Arch. Immunol. Ther. Ex.* 49: 59-61 (**Exhibit 6**);
7. U.S. Patent No. 5,980,887 A (Isner, et al.), published November 9, 1999 (**Exhibit 7**);
8. Shi S and Gronthos S. (2003) Perivascular Niche of Postnatal Mesenchymal Stem Cells in Human Bone Marrow and Dental Pulp. *J. Bone Miner. Res.* 18(4): 696-704 (**Exhibit 8**); and
9. International Preliminary Report on Patentability issued by the International Bureau of WIPO on October 1, 2005 in connection with International Application No. PCT/AU2004/000417 (**Exhibit 9**).

Copies of documents numbers 1-6 are attached hereto as **Exhibits 1-9**, respectively.

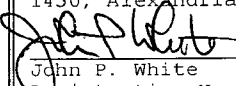
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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
 April 27, 2006
John P. White Date Registration No. 28,678

PTO/SB/08B (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/551,326
Filing Date	§371 of PCT/AU2004/000417
First Named Inventor	Stan Gronthos
Art Unit	
Examiner Name	
Attorney Docket Number	75191/JPW/JW

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	International Search Report issued by the International Searching Authority (ISA/AU) on May 17, 2004 in connection with International Application No. PCT/AU2004/000417	
	5	Hellstrom M, Kalen M, Lindahl P, Abramsson A, and Betsholtz C. (1999) Role of PDGF-B and PDGFR-beta in recruitment of vascular smooth muscle cells and pericytes during embryonic blood vessel formation in the mouse. Development 126: 3047-3055	
	6	Zoltowska A, Stepinski J, Lewko B, Zamorska B, Roszkiewicz A, Serkies K, and Kruszewski WJ. (2001) Malformations of Angiogenesis in the Low Differentiated Human Carcinomas. Immunohistological Study. Arch. Immunol. Ther. Ex. 49: 59-61	
	8	Shi S and Gronthos S. (2003) Perivascular Niche of Postnatal Mesenchymal Stem Cells in Human Bone Marrow and Dental Pulp. J. Bone Miner. Res. 18(4): 696-704	
	9	International Preliminary Report on Patentability issued by the International Bureau of WIPO on October 1, 2005 in connection with International Application No. PCT/AU2004/00417	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicants: Stan Gronthos and Andrew Zannettino
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Exhibit A

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PTO/SB/08A (07-05)

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(Use as many sheets as necessary)

Complete if Known

Application Number	10/551,326
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First Named Inventor	Stan Gronthos
Art Unit	
Examiner Name	
Attorney Docket Number	75191/JPW/JW

Sheet	2	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
	2	WO 2002/007679 A2	01-31-2002	THE GOVERNMENT OF THE UNITED STATES OF AMERICA...		
	3	WO 2001/007679 A2	01-18-2001	Medvet Science Pty Ltd		
	4	WO 1999/003973 A	01-28-1999	Osiris Therapeutics Inc		

Examiner Signature	/Kelaginamane Hiriyanna/	Date Considered	10/22/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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